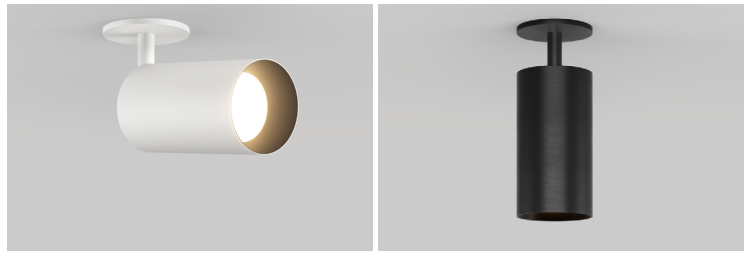


MONOPOINT LVS

CM1 ADJUSTABLE

Elegant design means this monopoint does more. An inventive elbow built into the fixture body that allows a full 90 degree tilt and drop lengths of up to 1' extend adjustability.

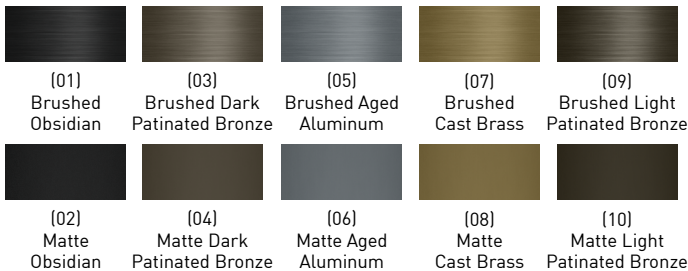
PROJECT NAME:	TYPE:
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ORDERING INFORMATION - MONOPOINT

CYLINDER	LENGTH	FIXTURE	BODY FINISH	BAFFLE FINISH	STEM FINISH	LUMEN PACKAGE	CCT	OPTIC (UGR)	DRIVER	MEDIA	MOUNTING
CM1		AD1							LVS		
CM1 2.60"	LENGTHS SL 1.4" Standard 06 6" 12 12" CUSTOM LENGTHS XX Specify in 1" increments between 2"-11" [Ex. 4" = 04]* *(Increased lead time) *STEMS ARE NOT FIELD CUTTABLE	AD1 90° Tilt Dry/Damp	POWDERCOAT WH White BK Black AB Architectural Bronze AG Satin Silver AU Cashmere Gold BB Burnt Bronze CF Custom Finish* *(Consult Factory) ALUMINA 01 Brushed Obsidian 02 Matte Obsidian 03 Brushed Dark Patinated Bronze 04 Matte Dark Patinated Bronze 05 Brushed Aged Aluminum 06 Matte Aged Aluminum 07 Brushed Cast Brass 08 Matte Cast Brass 09 Brushed Light Patinated Bronze 10 Matte Light Patinated Bronze	POWDERCOAT WH White BK Black AB Architectural Bronze AG Satin Silver AU Cashmere Gold BB Burnt Bronze CF Custom Finish* *(Consult Factory) ALUMINA CONSULT FACTORY FOR ALUMINA FINISHES	POWDERCOAT WH White BK Black AB Architectural Bronze AG Satin Silver AU Cashmere Gold BB Burnt Bronze CF Custom Finish* *(Consult Factory) ALUMINA CONSULT FACTORY FOR ALUMINA FINISHES	STATIC WHITE 80S11A 80+ CRI, 11 Watts Delivered Lumens - 1095 80S17A 80+ CRI, 17 Watts Delivered Lumens - 1655 90S11A 90+ CRI, 11 Watts Delivered Lumens - 941 90S17A 90+ CRI, 17 Watts Delivered Lumens - 1422 97S11A 97+ CRI, 11 Watts Delivered Lumens - 826 97S17A 97+ CRI, 17 Watts Delivered Lumens - 1249 REMOTE WARM DIM 90W18A 90+ CRI, 18 Watts Incandescent Profile Delivered Lumens - 1017 Standard Profile Delivered Lumens - 1017 *SEE PAGE 3 FOR WARM DIM PROFILE COMPARISON. *DELIVERED LUMENS REFLECT 3000K PAIRED WITH 25° OPTIC AND SOFT FOCUS LENS.	27 2700K 30 3000K 35 3500K 40 4000K WL 2700K - 1800K WD 3000K - 1800K	10 10° (>19) 15 15° (<16) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (>19) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (>13) *SEE PAGE 3 FOR UGR RATINGS	LVS Low Voltage System	STANDARD MEDIA 4 Soft Focus Lens 0 No Lens* *(Standard with 10" optic) ALTERNATE MEDIA 2 Honeycomb Louver* *(Not available for Warm Dim) 3 Clear Glass Lens* *(Not available for Warm Dim) 5 Frosted Glass Lens 6 Frosted Soft Focus Lens 7 Frosted Linear Spread Lens S Soft Focus Lens w/ Honeycomb Louver F Frosted Glass Lens w/ Honeycomb Louver	ROUGH-IN J JBMP 4" Sq. or 4/0 Junction Box Mounting Plate. Features 2.6" diameter canopy* (Mounting plate must be installed on junction box prior to ceiling installation) FINISH OUT G Zero Sightline Gypsum [1/16" Applique] Features 2.6" diameter canopy* *(Mounts to 4/0 junction box) C CMJB 1/2" and 3/4" Conduit Ceiling Mount Junction Box. Features matching 3.25" canopy.* *(Available in powdercoat finishes. Alumina finish fixtures ship with Black powdercoat CMJB.) R Remodel 4.5" Flange Overlay Canopy* *(Mounts to existing 4/0 junction box)

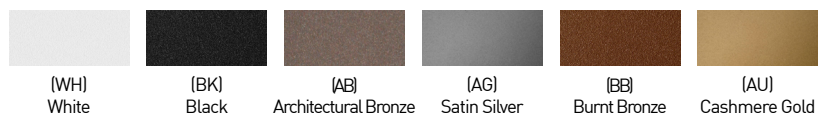
ALUMINA FINISHES BY LUCIFER LIGHTING™



PART NUMBER NOTES

- CM1 ships as e.g., CM102AD1WHBK90S17*3040LVS4F
- Mounting ships separate from fixture, part numbers listed on page 4.

POWDERCOAT FINISHES






MONOPOINT LVS CM1 ADJUSTABLE

APPLICATION NOTES

- Lucifer Lighting will not supply a fixture with a POE node or power supply inside the fixture. This allows for easier site install with nodes of 2 or more outputs.
- Consult node manufacturer for maximum remote wiring distances.
- Fixture features 18 Gauge wiring.
- Wiring connections are made on the fixture using customer supplied connectors, ex. wire nuts, push-in connectors, or terminal blocks.
- Confirm node compatibility with factory if it is not listed.
- Customers are responsible for ensuring POE node drive current is set to correct values shown below.
- Customers must ensure voltage range of the proposed POE node encompasses the fixtures complete Vf range, both maximum and minimum. If assistance is required contact LLC rep or factory.

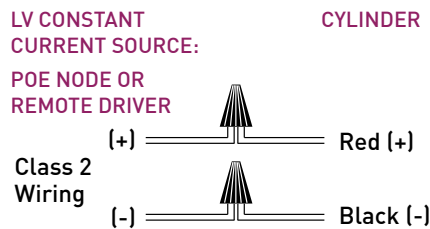
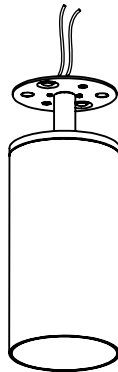
NODE COMPATIBILITY

Manufacturer	Model Number
 Igor® Enabling Smart Buildings™	NP50-60-C-F-5
 molex	180996-1001 180996-1002 180996-2001 180996-2002
 PLATFORMATICS	1 Channel Node, POE-LN2-1U-E 2 Channel Node, POE-LN2-2U-E 4 Channel Node, POE-LN2-4U-E

DRIVE CURRENT SPECIFICS

	80S		90S		97S		90W	
	11A	17A	11A	17A	11A	17A	18AL	18AD
Minimum Vf	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
Maximum Vf	39	39	39	39	39	39	39	39
Current mA	250	400	250	400	250	400	400	400
Wattage W	11	17	11	17	11	17	11	17

WIRING DIAGRAM



MONOPOINT LVS CM1 ADJUSTABLE

ACCESSORIES

ALTERNATE MEDIA

HCL-CT1 Honeycomb Louver*
*(Not available for Warm Dim)

CGL-CT1 Clear Glass Lens*
*(Not available for Warm Dim)

SFL-CT1 Soft Focus Lens

FGL-CT1 Frosted Glass Lens

FSFL-CT1 Frosted Soft Focus Lens

FLSL-CT1 Frosted Linear Spread Lens

REPLACEMENT OPTICS

Interchangeable optics accessible by removing baffle.

Static White

RO-50-15-S 15° optic

RO-50-20-S 20° optic

RO-50-25-S 25° optic

RO-50-40-S 40° optic

RO-50-60-S 60° optic

Warm Dim

RO-50-20-W 20° optic

RO-50-25-W 25° optic

RO-50-40-W 40° optic

RO-50-60-W 60° optic

PERFORMANCE - 3000K

LUMEN PACKAGE	WATTAGE	10° OPTIC		15° OPTIC		20° OPTIC		25° OPTIC		40° OPTIC		60° OPTIC	
		NO SOFT FOCUS LENS		SOFT FOCUS LENS		SOFT FOCUS LENS		SOFT FOCUS LENS		SOFT FOCUS LENS		SOFT FOCUS LENS	
		DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW
80S11A	11	631	57	991	90	1093	99	1095	100	1019	93	1145	104
80S17A	17	861	51	1435	84	1701	100	1655	97	1513	89	1640	96
90S11A	11	544	51	851	86	939	95	941	96	875	89	984	100
90S17A	17	740	41	1233	76	1461	90	1422	87	1300	80	1409	86
97S11A	11	469	43	747	68	824	75	826	75	768	70	864	79
97S17A	17	639	38	1083	64	1283	75	1249	73	1141	67	1237	73
90W18AL (2700K-1800K)	18	-	-	-	-	1019	63	1017	63	927	57	997	62
90W18AD (3000K-1800K)	18	-	-	-	-	1043	65	1017	63	943	58	991	61

MEDIA LIGHT LOSS FACTOR

MEDIA	LIGHT LOSS FACTOR
No Lens	1.05
CGL	0.96
SFL	1.00
FGL	0.90
FSFL	0.84
FLSL	0.58
HCL	0.71
SFL W/ HCL	0.68
FGL W/ HCL	0.51

OUTPUT MULTIPLIER

CCT	CCT SCALE
2700K	0.97
3000K	1.000
3500K	1.03
4000K	1.08

UNIFIED GLARE RATING

10° OPTIC NO LENS	15° OPTIC SOFT FOCUS LENS	20° OPTIC SOFT FOCUS LENS	25° OPTIC SOFT FOCUS LENS	40° OPTIC SOFT FOCUS LENS	60° OPTIC SOFT FOCUS LENS
>19	<16	<10	<10	<10	<16

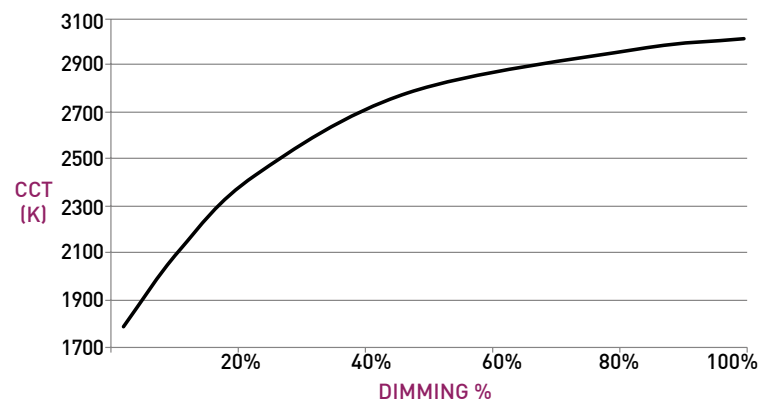
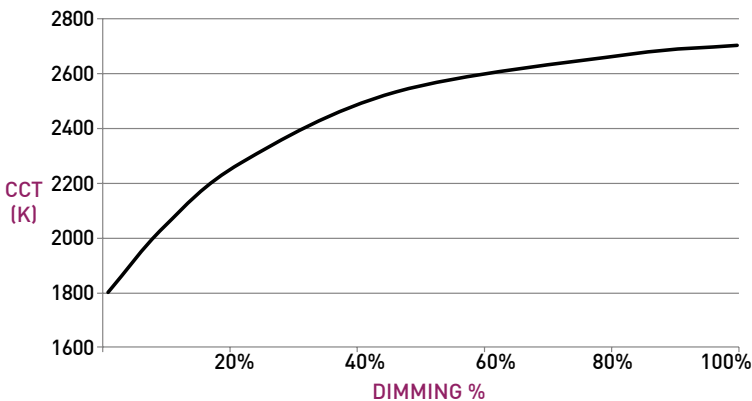
WARM DIM PERFORMANCE - SOFT FOCUS LENS - 20° OPTIC

INCANDESCENT DIMMING PROFILE

90W18AL 2700K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2700	2650	2620	2520	2180	1950	1800
Light Output (Lm)	667	534	467	333	133	67	13
Power (W)	18	14.4	12.6	9	3.6	1.8	0.36
Efficacy (LPW)	37	37	37	37	37	37	37

STANDARD WARM DIM PROFILE

90W18AD 3000K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	3000	2950	2920	2775	2375	2000	1800
Light Output (Lm)	661	529	463	330	132	66	13
Power (W)	18	14.4	12.6	9	3.6	1.8	0.36
Efficacy (LPW)	36	36	36	36	36	36	36



MONOPOINT LVS CM1 ADJUSTABLE

MONOPOINT

A JBMP
Mounting plate (concealed) for standard 4" square or 4" 4/0 j-box. To be installed during rough-in prior to substrate. Features minimalist 2.6" diameter canopy.
Part Number - CM-JBMP.

B ZERO-SIGHTLINE
Provided with mud-in appliqué that mounts to standard 4" 4/0 junction box. Allows fixture canopy to be recessed into ceiling for a flush or zero-sightline aesthetic. Standard plaster stop thickness of 1/16". Not recommended for stucco applications.
Part Number - DLA-APP-CM

C CEILING MOUNT JUNCTION BOX
Ceiling mount junction box perfectly matches canopy profile for a continuous, integrated look where exposed ceiling mount junction box and conduit applications apply. For use with 1/2" and 3/4" EMT conduit only. Features two conduit entrances on either side and one conduit knockout on top of j-box. J-box is IP10 rated; powdercoat finishes only. Blank off plugs included.
Part number - CM-CMJB-[Finish].

D REMODEL / FLANGE OVERLAY
Provided with oversized canopy and mounting plate for standard 4" 4/0 junction boxes. Ideal for existing applications and features oversized 4.5" canopy to cover standard 4" octagon box cutout.

E STEM
Standard length is 1.4", available in even-inch increments between 2"-12". Stem is not field cuttable. Powdercoat finishes standard, consult factory for Alumina finishes.

F BODY
Available in powdercoat and Alumina finishes.

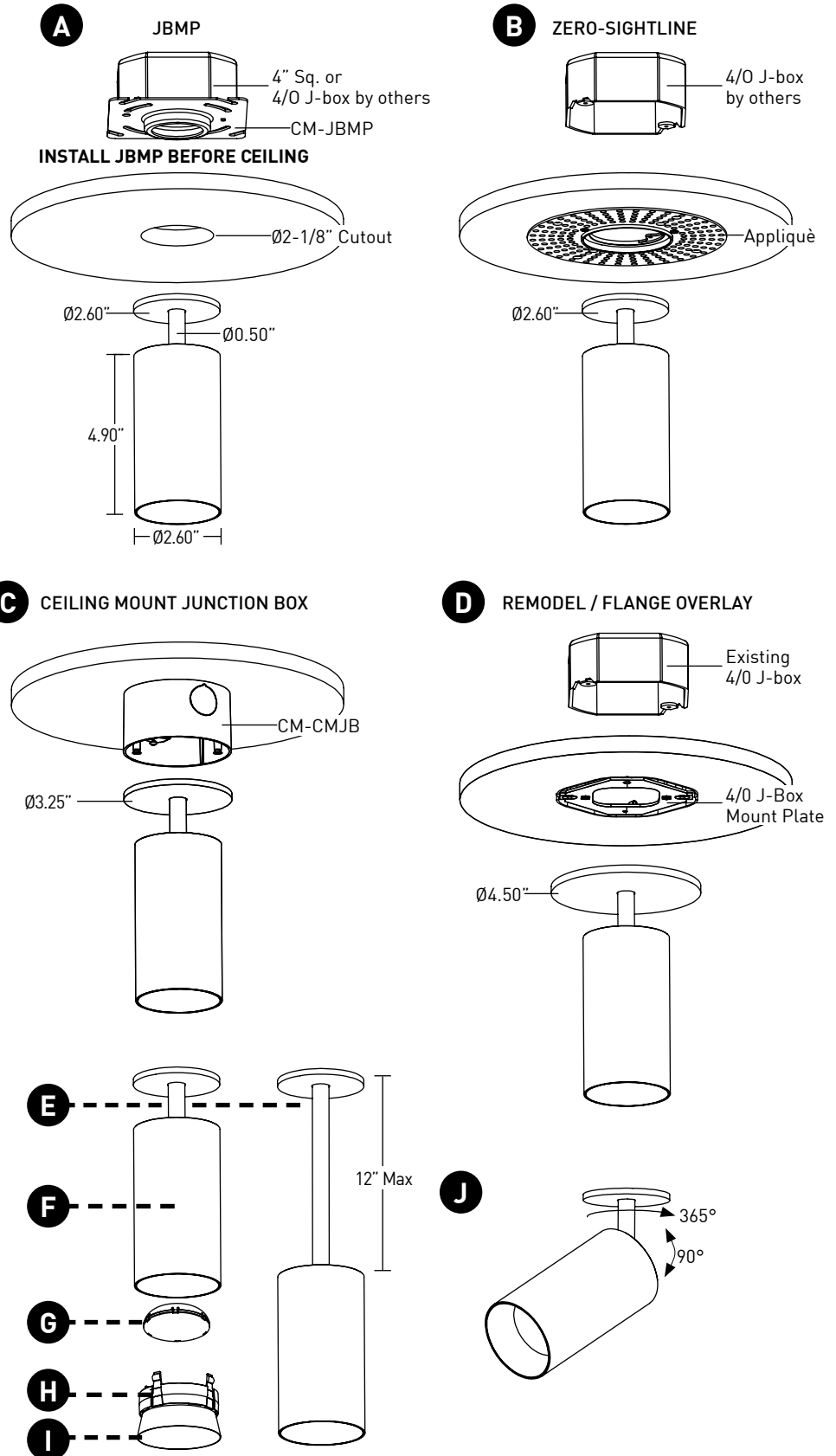
G OPTICS
Robust light engine with optimized optic pairing integrates Reflection, Refraction, and TIR offering 10°, 15°, 20°, 25°, 40° & 60° beams.

H MEDIA
Accepts 2 media; Soft Focus Lens standard.

BAFFLE
I Baffle minimizes aperture glare and conceals view into fixture. Powdercoat finishes standard, consult factory for Alumina finishes.

ADJUSTABILITY
J Features 90° tilt and 365° rotation.

DIMENSIONS / DRAWINGS



MONOPOINT LVS CM1 ADJUSTABLE

TECHNICAL

CONSTRUCTION

Monopoint: Machined aluminum body; painted finishes are granulated powder coat; Alumina finishes are anodized aluminum.

Appliqué: Machined Aluminum

STATIC WHITE LED

2-step MacAdam ellipse LED module available in 80+, 90+ and 97+ CRI configurations in color temperatures of 2700K, 3000K, 3500K and 4000K.

WARM DIM LED

3-step MacAdam ellipse warm dim LED module available in 90+ CRI configuration. 3000K or 2700K at full brightness, warming to 1800K at full dim. Average rated lamp life of 50,000 hours.

LISTING

UL listed to UL2108 standard for Dry / Damp and Wet locations. NEMA 410 Compliant

DECLARE

LBC Red List Approved.

LIMITED WARRANTY

Manufacturer's Limited Warranty guarantees product(s) listed to be free from defects in material and workmanship under normal use and service for 1-year. LED'S warranted to operate with 70% of original flux and remain within a range of 3 duv for a period of 5-years. Warranty period begins from the date of shipment by Seller. [Consult website for full warranty terms and conditions.](#)

CHANGE LOG

1.04/27/2023: ADDED AU AND BB FINISHES OPTIONS FOR BODY AND STEM.

2.04/27/2023: ADDED DECLARE LBC RED LIST APPROVED.

3.08/07/2023: ADDED NEW LED AND OPTIC OFFERINGS.
REMOVED 2400K OFFERING.